

- 2a. A wet bulk density does not require moisture content. Wet bulk density is simply the density of the whole sample (mass/volume). Moisture content is necessary to calculate dry bulk density (the volume of sediment per volume of sample). The Draft Sedflume Study Field Sampling Plan (FSP) shall be revised to specify which bulk property will be assessed.
- 2b. The FSP shall include a reference to an ASTM (or equivalent) standard for the bulk density method. USEPA Method 160.3 is provided in the FSP for percent moisture. If the bulk density method is not a standard method, the FSP shall include a derivation for the equation.
- 2c. The FSP shall provide a comparison of the bulk property results from the modified method to those obtained with the original method to verify the assumption that the modified method that analyzes disturbed samples is valid. An undisturbed sample should still provide the best bulk sediment properties results.